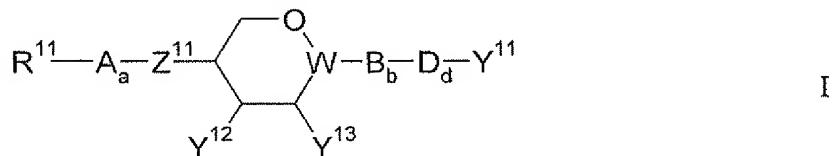


This listing of claims will replace all prior versions, and listings, of claims in the application:

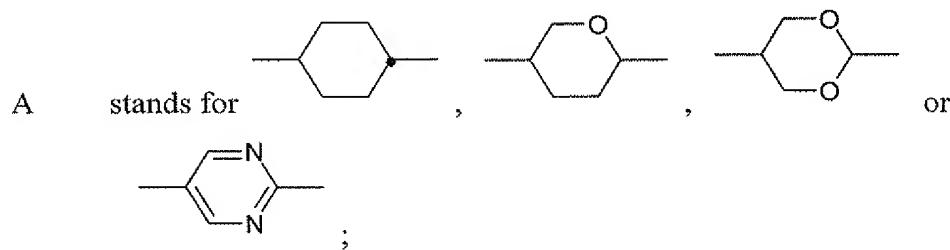
Listing of Claims:

1. (Currently Amended) Compound of the general A compound of formula I



in which

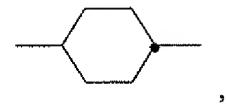
R¹¹ denotes H, F, Cl, Br, I, CN, aryl, heterocyclyl or a halogenated or unsubstituted alkyl radical having 1 to 15 carbon atoms, where, in addition, in which one or more CH₂ groups in this radical may each be are optionally replaced, independently of one another, by -C≡C-, -CH=CH-, -O-, -CO-, -CO-O- or -O-CO- in such a way that O atoms are not linked directly to one another;



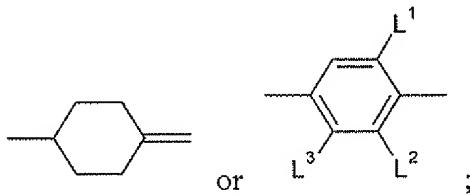
a is 0, 1 or 2;

Z¹¹ represents a single bond, -CH₂-CH₂-, -CF₂-CF₂-, -CF₂-CH₂-, -CH₂-CF₂-, -CH₂-O-, -O-CH₂-, -CF₂-O- or -O-CF₂-;

W denotes >CH- or >C=;



B and D, independently of one another, stand for



b and d, independently of one another, are 0 or 1;

Y^{11} denotes $=O$, $=C(SR^{12})(SR^{13})$, $=CF_2$, -H, -F, -Cl, -Br, -I, -CN, -OH, -SH, $-CO-R^{14}$, $-OSO_2R^{15}$, $-C(=S^+R^{12})(-SR^{13})X^-$, $-B(OR^{16})(OR^{17})$, $-BF_3^-Cat^+$, $-Si(OR^{18})(OR^{19})(OR^{20})$ or alkyl, where alkyl denotes a halogenated or unsubstituted alkyl radical having 1 to 15 C atoms, in which, in addition, one or more CH_2 groups may each be are optionally replaced, independently of one another, by $-C\equiv C-$, $-CH=CH-$, $-O-$, $-CO-$, $-CO-O-$ or $-O-CO-$ in such a way that O atoms are not linked directly to one another;

Y^{12} and Y^{13} , independently of one another, denote H or alkyl, where alkyl denotes a halogenated or unsubstituted alkyl radical having 1 to 15 C atoms, in which, in addition, one or more CH_2 groups may each be are optionally replaced, independently of one another, by $-C\equiv C-$, $-CH=CH-$, $-O-$, $-CO-$, $-CO-O-$ or $-O-CO-$ in such a way that O atoms are not linked directly to one another;

L^1 , L^2 and L^3 , independently of one another, denote H or F;

R^{12} and R^{13} , independently of one another, denote an unbranched or branched alkyl radical having 1 to 15 carbon atoms or together form a $-(CH_2)_p-$ unit, where $p = 2, 3, 4, 5$ or 6 , where one, two or three of these CH_2 groups may be are optionally substituted by at least one unbranched or branched alkyl radical having 1 to 8 carbon atoms;

R¹⁴ denotes OH, O-aryl, O-aralkyl, O-alkyl, Cl, Br, aryl, aralkyl or alkyl;

R¹⁵ denotes aryl, aralkyl or a halogenated or unsubstituted alkyl radical having 1 to 15 carbon atoms, where, in addition, in which alkyl radical one or more CH₂ groups in this alkyl radical may each be are optionally replaced, independently of one another, by -C≡C-, -CH=CH-, -O-, -CO-, -CO-O- or -O-CO- in such a way that O atoms are not linked directly to one another;

R¹⁶ and R¹⁷ denote H or an unbranched or branched alkyl radical having 1 to 15 carbon atoms or together form a -(CH₂)_p- unit, where p = 2, 3, 4, 5 or 6, where one, two or three of these CH₂ groups may be are optionally substituted by at least one unbranched or branched alkyl radical having 1 to 8 carbon atoms;

R¹⁸, R¹⁹ and R²⁰, independently of one another, denote an unbranched or branched alkyl radical having 1 to 15 carbon atoms;

Cat⁺ is an alkali metal cation or a quaternary ammonium cation;

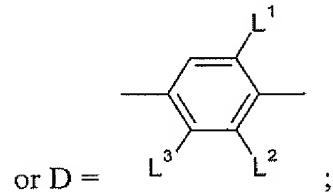
and

X⁻ is a weakly coordinating anion;

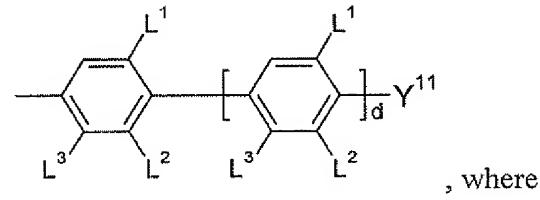
with the proviso

that W denotes >CH- if b+d ≠ 0;

that Y¹¹ does not denote =O, =C(SR¹²)(SR¹³) or =CF₂ if Y¹¹ is connected to B



that Y^{11} denotes -H, -I, -OH, -SH, -CO₂R¹⁴, -OSO₂R¹⁵, -C(=S⁺R¹²)(SR¹³)X⁻, -B(OR¹⁶)(OR¹⁷), -BF₃⁻Cat⁺, -Si(OR¹⁸)(OR¹⁹)(OR²⁰) or alkyl, where alkyl denotes a halogenated or unsubstituted alkyl radical having 1 to 15 C atoms, in which one or more CH₂ groups have each been replaced, independently of one another, by -C≡C-, -CH=CH-, -O-, -CO-, -CO-O- or -O-CO- in such a way that O atoms are not linked directly to one another and alkyl does not stand for



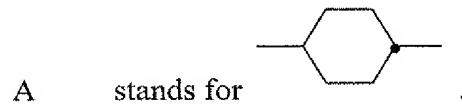
alkoxy, if W is connected directly to , where d is 0 or 1;



that B does not stand for if d = 1; and

that A can adopt identical or different meanings if a is 2.

2. (Withdrawn and Currently Amended) Compound A compound according to Claim 1, characterised in that wherein



3. (Currently Amended) Compound A compound according to Claim 1, characterised in that wherein

a is 0.

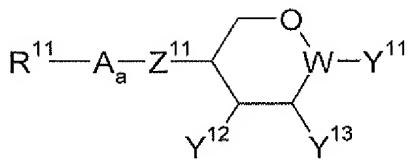
4. (Currently Amended) Compound A compound according to Claim 1, characterised in that wherein

Y^{12} and Y^{13} denote H.

5. (Currently Amended) Compound A compound according to Claim 1, characterised in that wherein

Z^{11} represents a single bond, -CF₂O- or -OCF₂-.

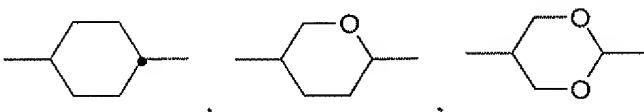
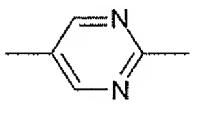
6. (Currently Amended) Compound A compound according to Claim 1, characterised in that wherein
 R^{11} denotes an unbranched halogenated or unsubstituted alkyl radical having 1 to 7 carbon atoms.
7. (Withdrawn and Currently Amended) Compound A compound according to Claim 1, characterised in that wherein
 Y^{11} denotes $=O$, $=C(SR^{12})(SR^{13})$ or $=CF_2$.
8. (Currently Amended) Compound A compound according to Claim 1, characterised in that wherein
 Y^{11} denotes -H, -F, -Cl, -Br, -I, -OH, -CO₂H, -C($=S^+R^{12}$)(-SR¹³)X⁻, -B(OR¹⁶)(OR¹⁷), -BF₃⁻Cat⁺ or -Si(OR¹⁸)(OR¹⁹)(OR²⁰).
9. (Withdrawn and Currently Amended) Compound A compound according to Claim 1, characterised in that wherein
 X^- denotes BF₄⁻, CF₃SO₃⁻, C₄F₉SO₃⁻, PF₆⁻, SbF₆⁻ or AsF₆⁻.
10. (Currently Amended) Compound A compound according to Claim 1, characterised in that wherein
b is 0 and d is 0.
11. (Currently Amended) Compound A compound according to Claim 1, characterised in that wherein
b is 1 and d is 0.
12. (Withdrawn and Currently Amended) Compound A compound according to Claim 1, characterised in that wherein
b is 1 and d is 1.
13. (Withdrawn and Currently Amended) Process A process for the preparation of a preparing a compound of claim 1, which is a compound of the formula IA



IA

in which

R^{11} denotes H, F, Cl, Br, I, CN, aryl, heterocyclyl or alkyl;

A stands for  or 

a is 0, 1 or 2, where A can adopt identical or different meanings if a is 2;

Z^{11} represents a single bond, $-\text{CH}_2-\text{CH}_2-$, $-\text{CF}_2-\text{CF}_2-$, $-\text{CF}_2-\text{CH}_2-$, $-\text{CH}_2-\text{CF}_2-$, $-\text{CH}_2-\text{O}-$, $-\text{O}-\text{CH}_2-$, $-\text{CF}_2-\text{O}-$ or $-\text{O}-\text{CF}_2-$;

W denotes $>\text{C}=$;

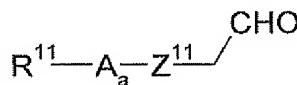
Y^{11} denotes $=\text{O}$, $=\text{C}(\text{SR}^{12})(\text{SR}^{13})$ or $=\text{CF}_2$;

Y^{12} and Y^{13} , independently of one another, denote H or alkyl; and

R^{12} and R^{13} , independently of one another, denote an unbranched or branched alkyl radical having 1 to 15 carbon atoms or together form a $-(\text{CH}_2)_p-$ unit, where $p = 2, 3, 4, 5$ or 6 , where one, two or three of these CH_2 groups may be are optionally substituted by at least one unbranched or branched alkyl radical having 1 to 8 carbon atoms;

characterised in that comprising

reacting a compound of the formula II

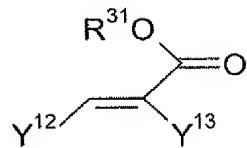


II

in which R^{11} , A, a and Z^{11} are as defined above for the compound of formula IA, is reacted

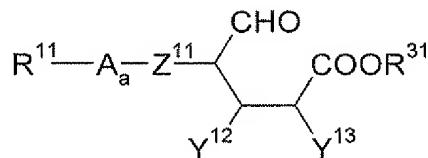
in a reaction step (A1)

(A1) in the presence of a base with a compound of the formula III



III

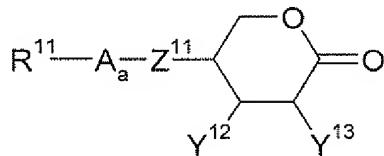
in which Y^{12} and Y^{13} are as defined above for the compound of formula IA, and R^{31} denotes an alkyl radical having 1 to 15 carbon atoms, to give a compound of the formula IV



IV

in which R^{11} , A , a , Z^{11} , Y^{12} and Y^{13} are as defined above for the compound of formula IA, and R^{31} is as defined above for the compound of formula III; and subsequently converting, in a reaction step (A2),

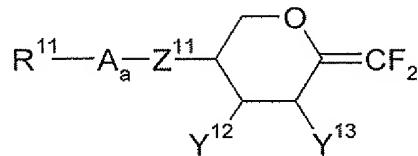
(A2) the compound of the formula IV is converted into the a compound of formula IA1



IA1

and optionally converting, in a reaction step (A3),

(A3) the compound of the formula IA1 is converted into the a compound of formula IA2



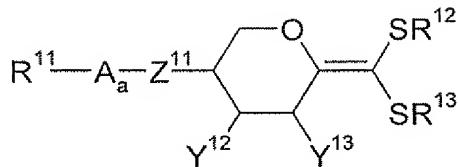
IA2

by reaction with CF_2Br_2 in the presence of $P(N(R^{21})_2)_3$, $P(N(R^{21})_2)_2(OR^{22})$ or $P(N(R^{21})_2)(OR^{22})_2$, where R^{21} and R^{22} , independently of one another, denote an alkyl radical having 1 to 15 carbon atoms;

or optionally converting, in a reaction step (A3'),

(A3') the compound of the formula IA1 is converted into the a compound of

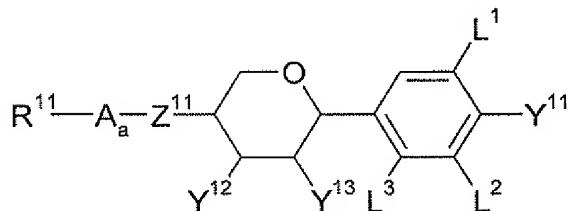
formula IA3



IA3

by reaction with CHG(SR¹²)(SR¹³), in which G denotes P(OCH₂R²³)₃, where R²³ is a perfluorinated alkyl radical having 1 to 5 carbon atoms, or Si(CH₃)₃ or Si(CH₂CH₃)₃, and R¹² and R¹³ are as defined above for the compound of formula IA, in the presence of a strong base.

14. (Withdrawn and Currently Amended) Process for the preparation of a A process for preparing a compound of claim 1, which is a compound of the formula IB

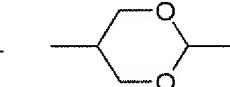
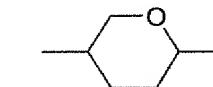


IB

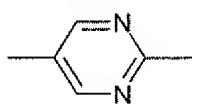
in which

R¹¹ denotes H, F, Cl, Br, I, CN, aryl, heterocycl or alkyl;

A stands for



or



;

a is 0, 1 or 2, where A can adopt identical or different meanings if a is 2;

Z¹¹ represents a single bond, -CH₂-CH₂-, -CF₂-CF₂-, -CF₂-CH₂-, -CH₂-CF₂-, -CH₂-O-, -O-CH₂-, -CF₂-O- or -O-CF₂-,

Y¹¹ denotes -H, -F, -Cl, -Br, -I, -CN, -OH or -B(OR¹⁶)(OR¹⁷);

Y¹² and Y¹³, independently of one another, denote H or alkyl;

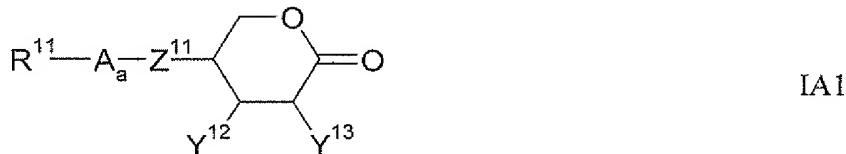
L¹, L² and L³, independently of one another, denote H or F; and

R¹⁶ and R¹⁷, independently of one another, denote H or an unbranched or

branched alkyl radical having 1 to 15 carbon atoms or together form a

$-(CH_2)_p-$ unit, where $p = 2, 3, 4, 5$ or 6 , where one, two or three of these CH_2 groups ~~may be~~ are optionally substituted by at least one unbranched or branched alkyl radical having 1 to 8 carbon atoms; characterised in that, comprising reacting, in a reaction step (B1),

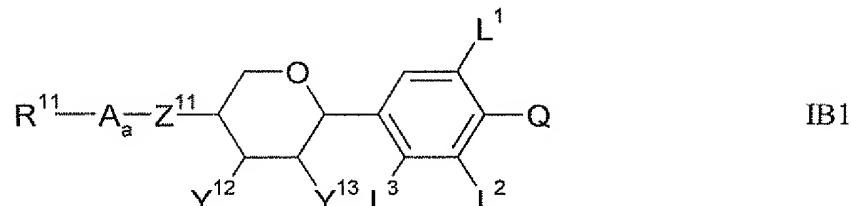
(B1) a compound of the formula IA1



in which R^{11} , A , a , Z^{11} , Y^{12} and Y^{13} are as defined above for the compound of formula IB, is reacted with a compound of the formula V



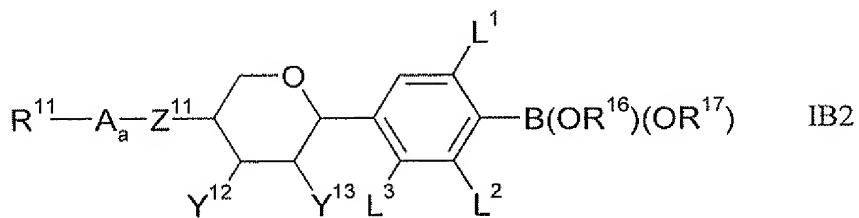
in which L^1 , L^2 and L^3 are as defined above for the compound of formula IB, M denotes Li , $Cl\text{-}Mg$, $Br\text{-}Mg$ or $I\text{-}Mg$, and Q denotes H , F , Cl , Br , I or CN , with formation of the a compound of the formula IB1



in which R^{11} , A , a , Z^{11} , Y^{12} , Y^{13} , L^1 , L^2 and L^3 are as defined for the compound of formula IB, and Q is as defined for the compound of formula V; and optionally reacting, in a reaction step (B2),

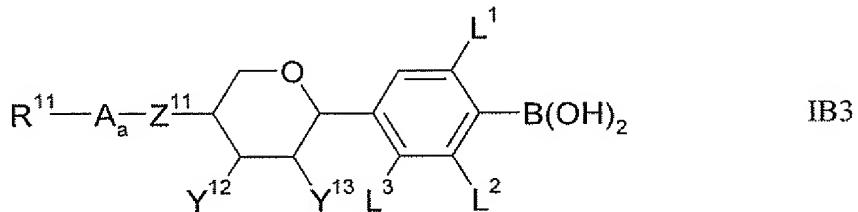
(B2) the compound of the formula IB1 in which Q denotes Br is reacted with $B(OR^{16})(OR^{17})(OR^{24})$, where R^{16} , R^{17} and R^{24} are an unbranched or

branched alkyl radical having 1 to 15 carbon atoms, or with HB(OR¹⁶)(OR¹⁷), where R¹⁶ and R¹⁷ denote an unbranched or branched alkyl radical having 1 to 15 carbon atoms or together form a -(CH₂)_p- unit, where p = 2, 3, 4, 5 or 6, where one, two or three of these CH₂ groups may be are optionally substituted by at least one unbranched or branched alkyl radical having 1 to 8 carbon atoms, in the presence of an alkyl lithium base, to give the a compound of the formula IB2



and optionally converting, in a reaction step (B3),

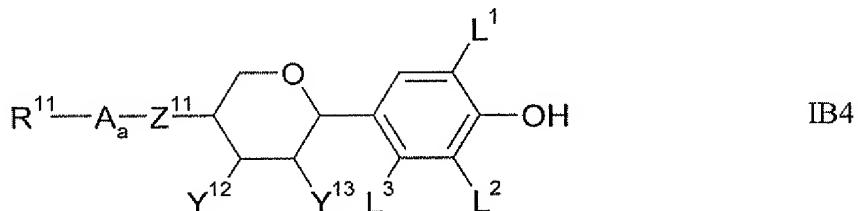
(B3) the compound of formula IB2 is converted into the a compound of formula IB3



by reaction with an aqueous acid;

and/or optionally converting, in a reaction step (B4),

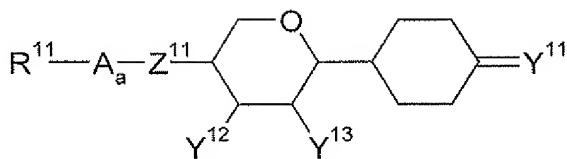
(B4) the compound of formula IB2 or the compound of formula IB3 is converted into the a compound of formula IB4



by reaction with hydrogen peroxide in alkaline or acidic solution.

15. (Withdrawn and Currently Amended) Process for the preparation of a A process for preparing a compound of claim 1, which is a compound of the

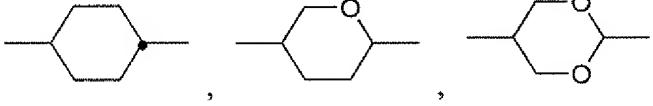
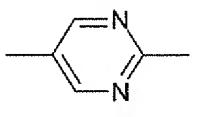
general formula IC



IC

in which

R¹¹ denotes H, F, Cl, Br, I, CN, aryl, heterocyclyl or alkyl;

A stands for  or


a is 0, 1 or 2, where A can adopt identical or different meanings if a is 2;

Z¹¹ represents a single bond, -CH₂-CH₂-, -CF₂-CF₂-, -CF₂-CH₂-, -CH₂-CF₂-, -CH₂-O-, -O-CH₂-, -CF₂-O- or -O-CF₂-;

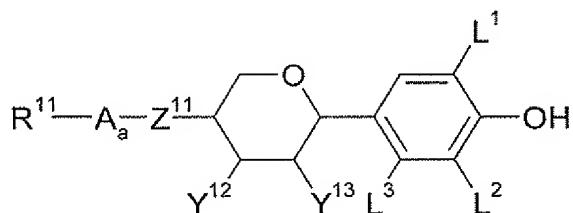
Y¹¹ denotes =O, =C(SR¹²)(SR¹³) or =CF₂;

Y¹² and Y¹³, independently of one another, denote H or alkyl; and

R¹² and R¹³, independently of one another, denote an unbranched or branched alkyl radical having 1 to 15 carbon atoms or together form a -(CH₂)p- unit, where p = 2, 3, 4, 5 or 6, where one, two or three of these CH₂ groups may be are optionally substituted by at least one unbranched or branched alkyl radical having 1 to 8 carbon atoms; characterised in that, comprising

converting, in a reaction step (C1),

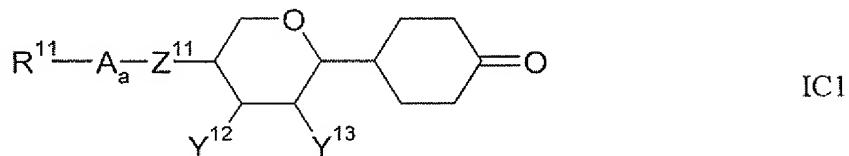
(C1) the a compound of the formula IB4



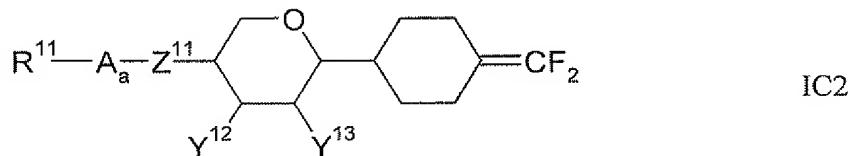
IB4

in which R¹¹, A, a, Z¹¹, Y¹² and Y¹³ are as defined above for the compound of

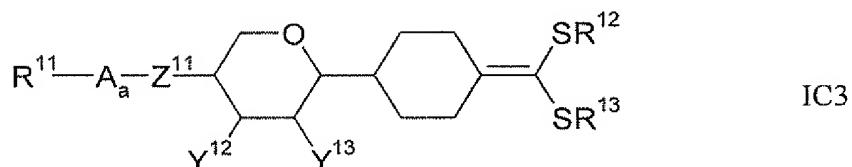
formula IC, and L¹, L² and L³ denote H,
is converted into the a compound of formula IC1



using hydrogen in the presence of a transition-metal catalyst;
and optionally converting, in a reaction step (C2),
(C2) the compound of formula IC1 is converted into the a compound of
formula IC2

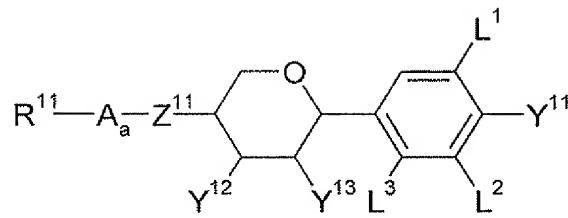


by reaction with CF₂Br₂ in the presence of P(N(R²¹)₂)₃, P(N(R²¹)₂)(OR²²)₂ or
P(N(R²¹)₂)(OR²²)₂, where R²¹ and R²², independently of one another, are an
alkyl radical having 1 to 15 carbon atoms;
or optionally converting, in a reaction step (C2'),
(C2') the compound of the formula IC1 is converted into the a compound of
formula IC3



by reaction with CHG(SR¹²)(SR¹³), in which G denotes P(OCH₂R²³)₃, where
R²³ is a perfluorinated alkyl radical having 1 to 5 carbon atoms, or Si(CH₃)₃ or
Si(CH₂CH₃)₃, and R¹² and R¹³ are as defined above for the compound of
formula IC, in the presence of a strong base.

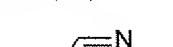
16. (Withdrawn and Currently Amended) Process for the preparation of a A
process for preparing a compound of claim 1, which is a compound of the
formula ID



ID

in which

R^{11} denotes H, F, Cl, Br, I, CN, aryl, heterocyclyl or alkyl;

A stands for  or 

a is 0, 1 or 2, where A can adopt identical or different meanings if a is 2;

Z^{11} represents a single bond, $-\text{CH}_2\text{-CH}_2-$, $-\text{CF}_2\text{-CF}_2-$, $-\text{CF}_2\text{-CH}_2-$, $-\text{CH}_2\text{-}$
 CF_2- , $-\text{CH}_2\text{-O-}$, $-\text{O-CH}_2-$, $-\text{CF}_2\text{-O-}$ or $-\text{O-CF}_2-$;

Y^{11} denotes $-\text{CO}_2\text{H}$ or $-\text{C}(=\text{S}^+\text{R}^{12})(-\text{SR}^{13})\text{X}^-$;

Y^{12} and Y^{13} , independently of one another, denote H or alkyl;

L^1 , L^2 and L^3 , independently of one another, denote H or F;

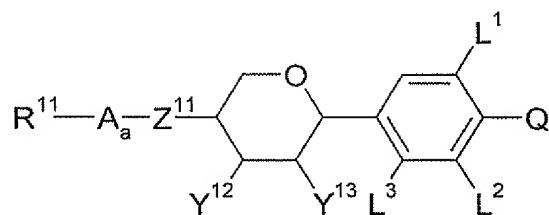
R¹² and R¹³, independently of one another, denote an unbranched or branched alkyl radical having 1 to 15 carbon atoms or together form a -(CH₂)_p-unit, where p = 2, 3, 4, 5 or 6, where one, two or three of these CH₂ groups ~~may be~~ are optionally substituted by at least one unbranched or branched alkyl radical having 1 to 8 carbon atoms; and

X^- is a weakly coordinating anion;

characterised in that, comprising

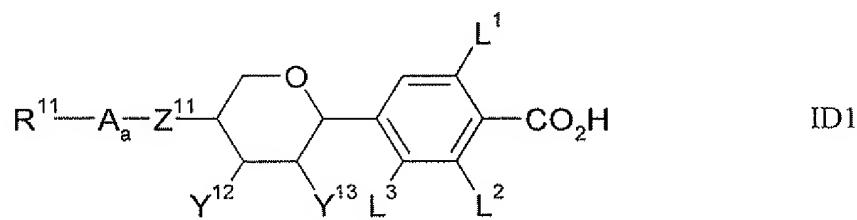
reacting, in a reaction step (D1),

(D1) a compound of the formula IB1

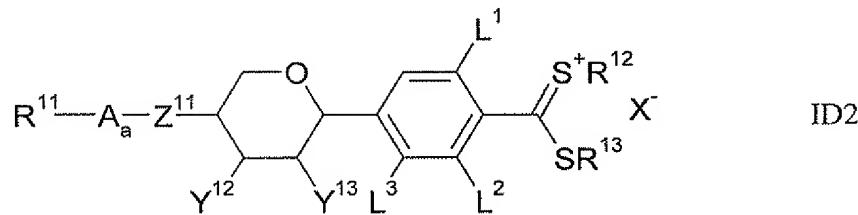


IB1

in which R^{11} , A , a , Z^{11} , Y^{12} , Y^{13} , L^1 , L^2 and L^3 are as defined for the compound of formula ID, and Q denotes H or Br ,
is reacted with an organometallic base and CO_2 to give the a compound of formula ID1

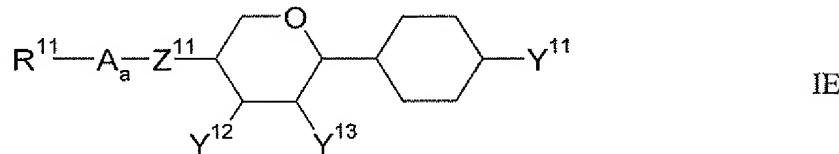


in which R^{11} , A , a , Z^{11} , Y^{12} , Y^{13} , L^1 , L^2 and L^3 are as defined for the compound of formula ID;
and optionally converting, in a reaction step (D2),
(D2) the compound of formula ID1 is converted into the a compound of formula ID2



in the presence of an acid HX using HSR^{12} and HSR^{13} or using $HSR^{12}R^{13}SH$.

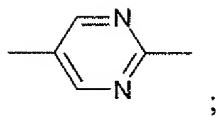
17. (Withdrawn and Currently Amended) Process for the preparation of a A
process for preparing a compound of claim 1, which is a compound of the formula IE



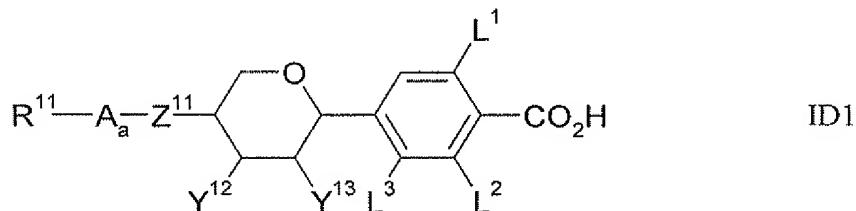
in which

R^{11} denotes H , F , Cl , Br , I , CN , aryl, heterocyclyl or alkyl;

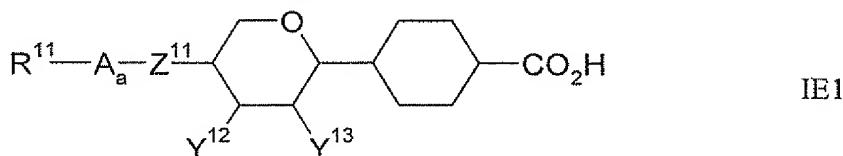
A stands for or



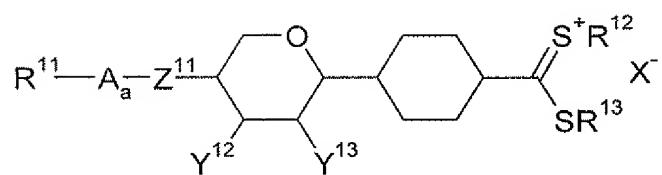
a is 0, 1 or 2, where A can adopt identical or different meanings if a is 2;
 Z^{11} represents a single bond, -CH₂-CH₂-, -CF₂-CF₂-, -CF₂-CH₂-, -CH₂-CF₂-, -CH₂-O-, -O-CH₂-, -CF₂-O- or -O-CF₂;-
 Y^{11} denotes -CO₂H or -C(=S⁺R¹²)(-SR¹³)X⁻;
 Y^{12} and Y^{13} , independently of one another, denote H or alkyl;
 R^{12} and R^{13} , independently of one another, denote an unbranched or branched alkyl radical having 1 to 15 carbon atoms or together form a -(CH₂)_p-unit, where p = 2, 3, 4, 5 or 6, where one, two or three of these CH₂ groups may be are optionally substituted by at least one unbranched or branched alkyl radical having 1 to 8 carbon atoms; and
 X^- is a weakly coordinating anion;
characterised in that, comprising
converting, in a reaction step (E1),
(E1) the a compound of the formula ID1



in which R^{11} , A, a, Z^{11} , Y^{12} and Y^{13} are as defined above for the compound of formula IE, and L^1 , L^2 and L^3 denote H,
is converted into the a compound of formula IE1



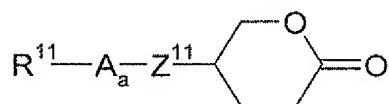
using hydrogen in the presence of a transition-metal catalyst;
and optionally converting, in a reaction step (E2),
(E2) the compound of the formula IE1 is converted into the a compound of formula IE2



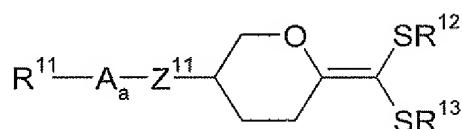
IE2

in the presence of an acid HX using HSR^{12} and HSR^{13} or using $\text{HSR}^{12}\text{R}^{13}\text{SH}$.

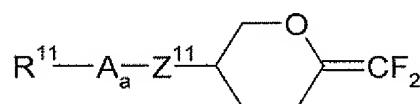
18. (New) A compound according to claim 1, which is a compound of one of the following formulae



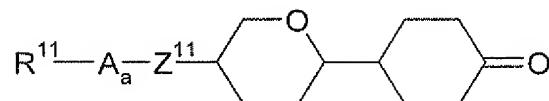
II



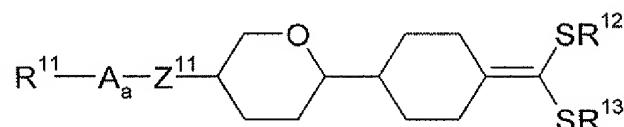
I2



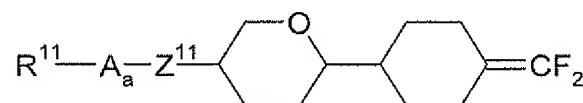
13



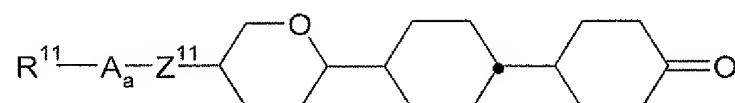
I4



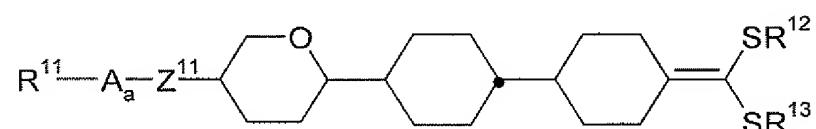
I5



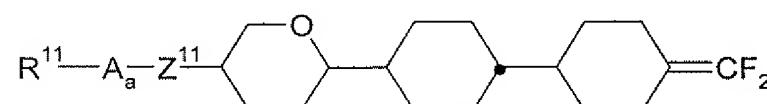
I6



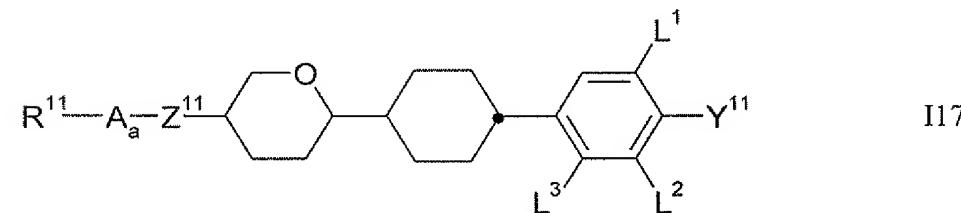
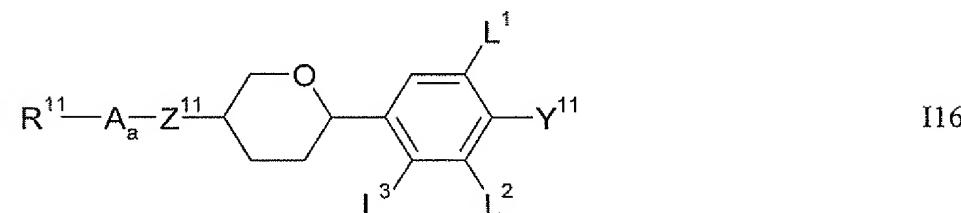
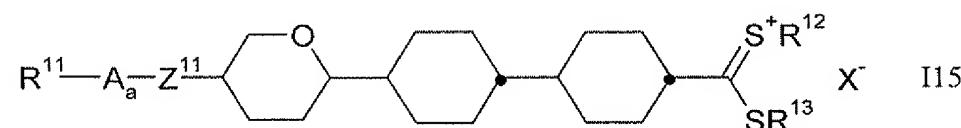
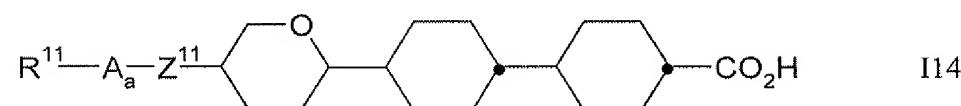
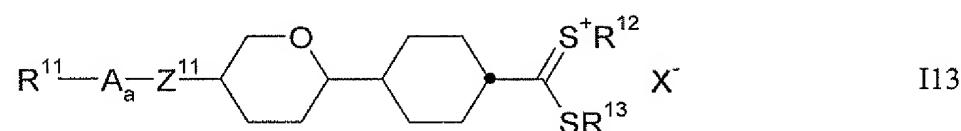
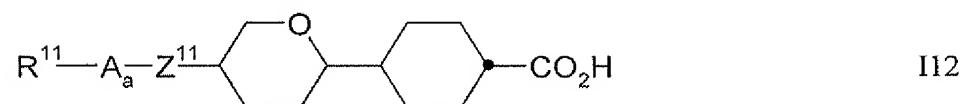
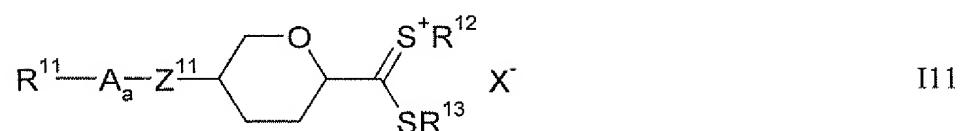
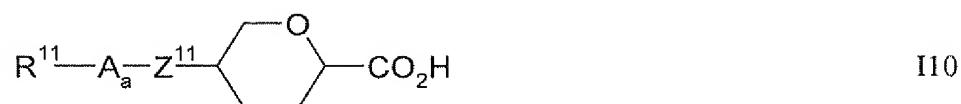
17



I8

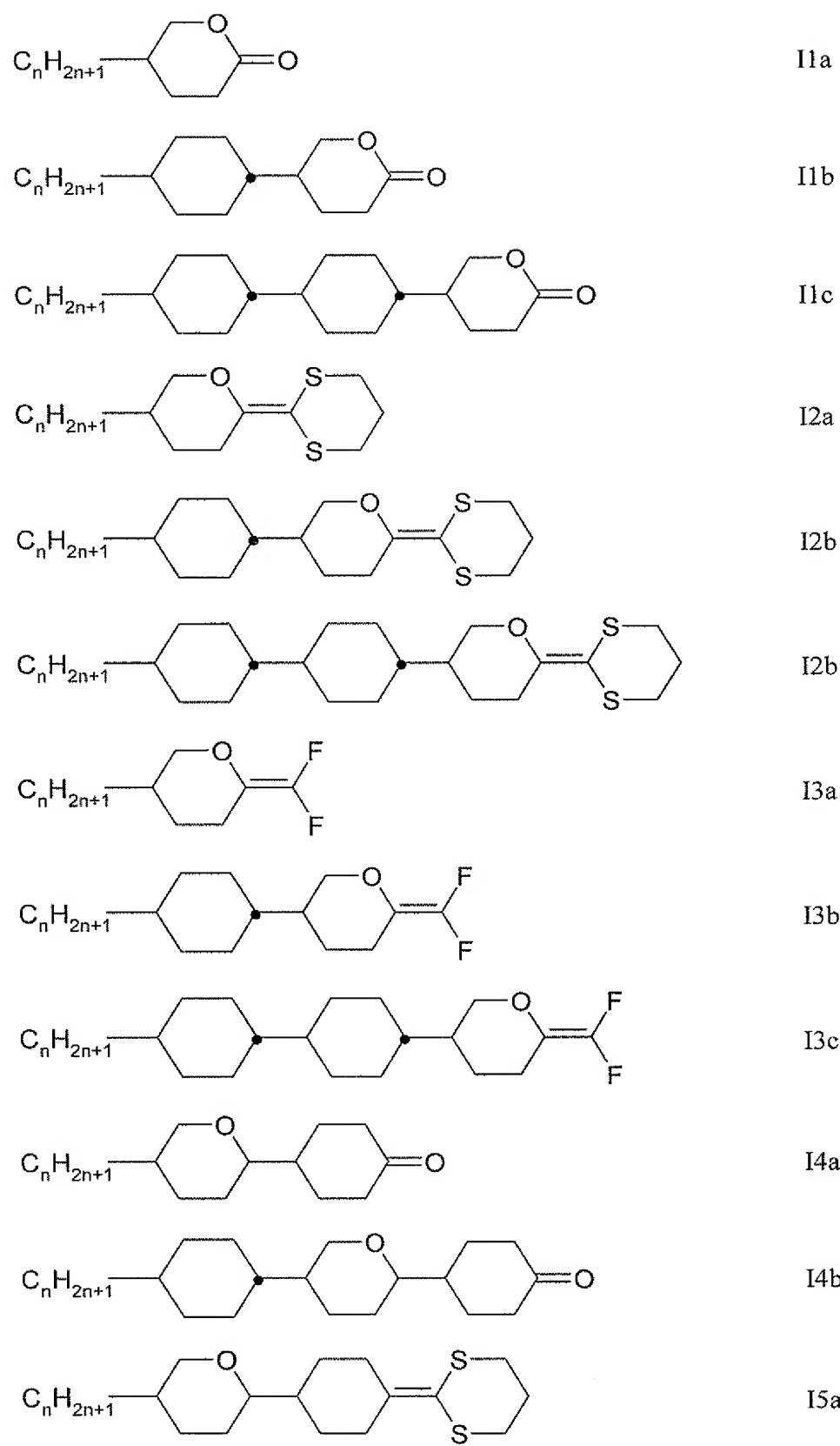


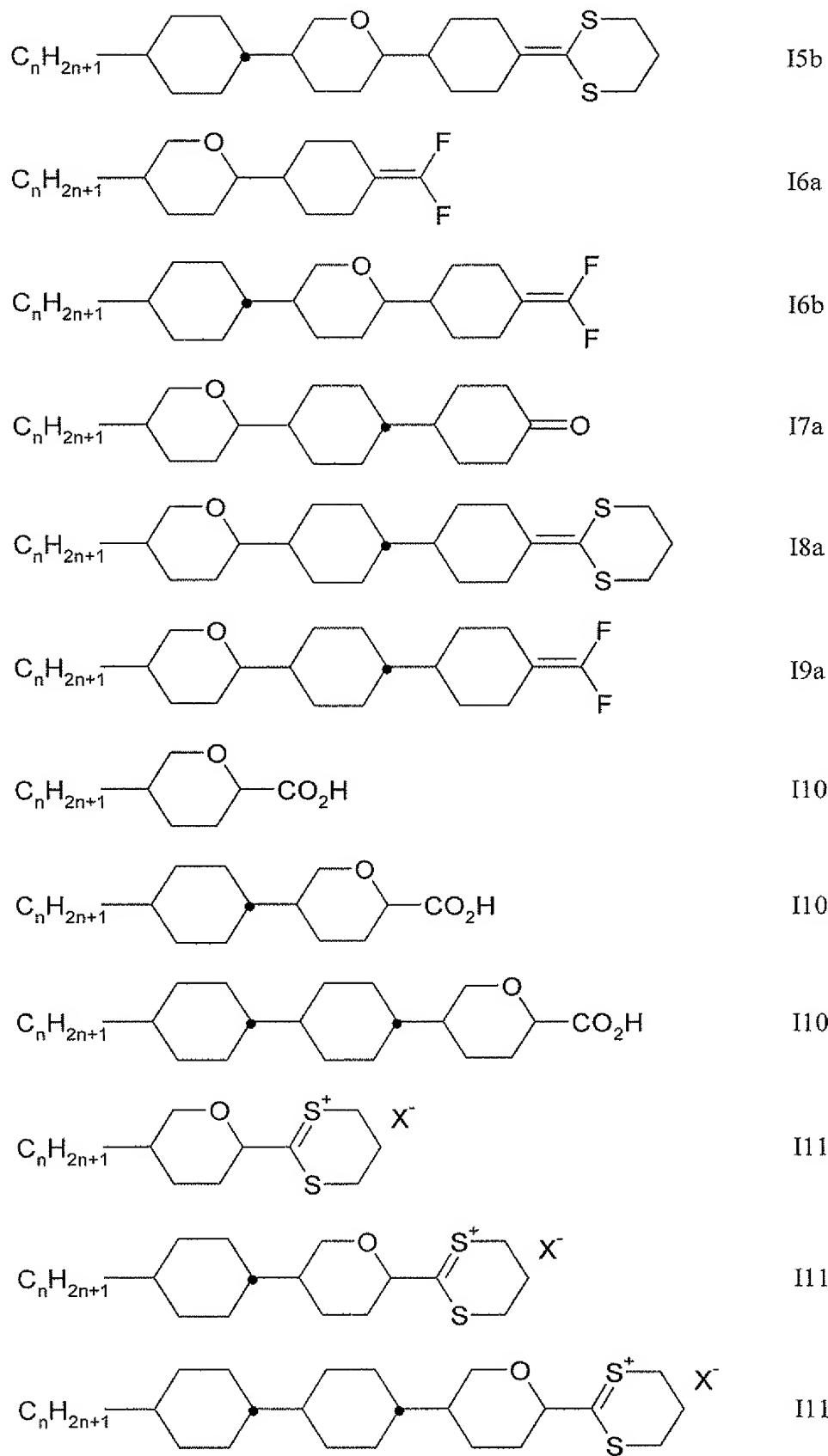
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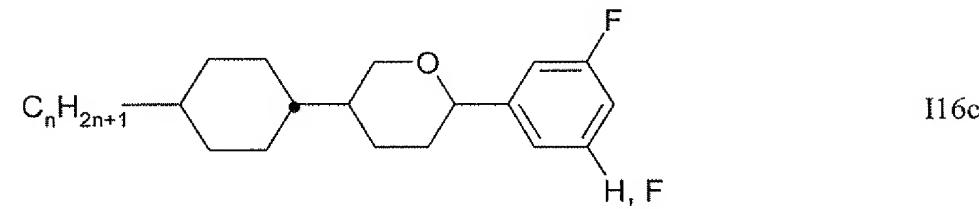
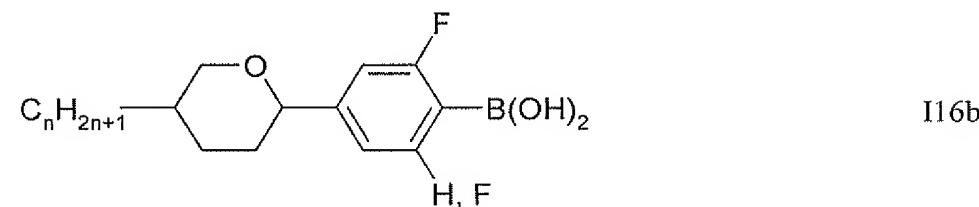
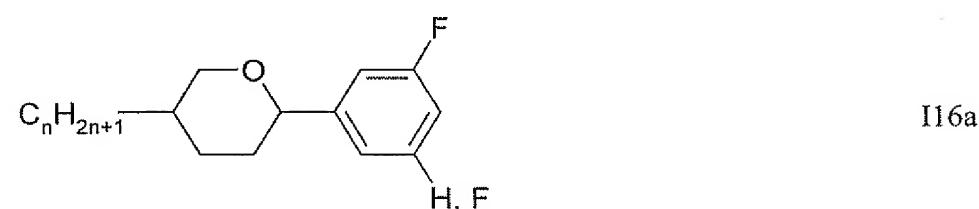
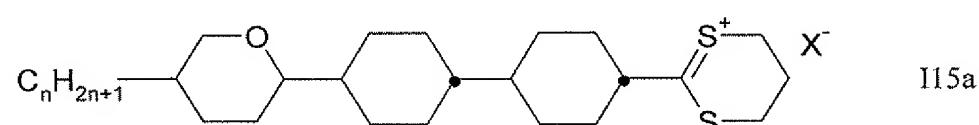
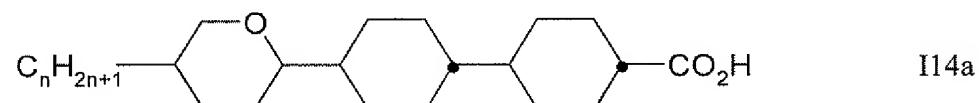
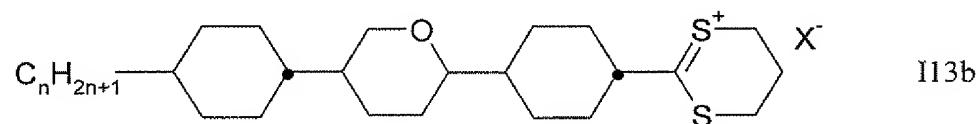
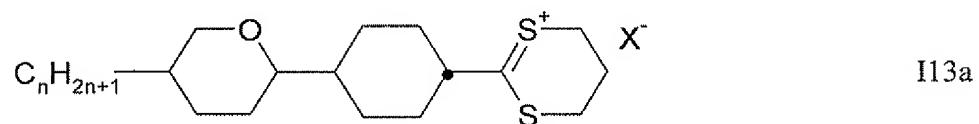
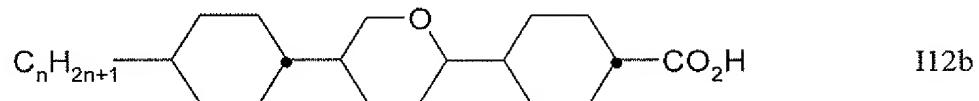
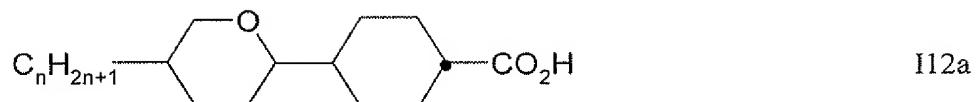


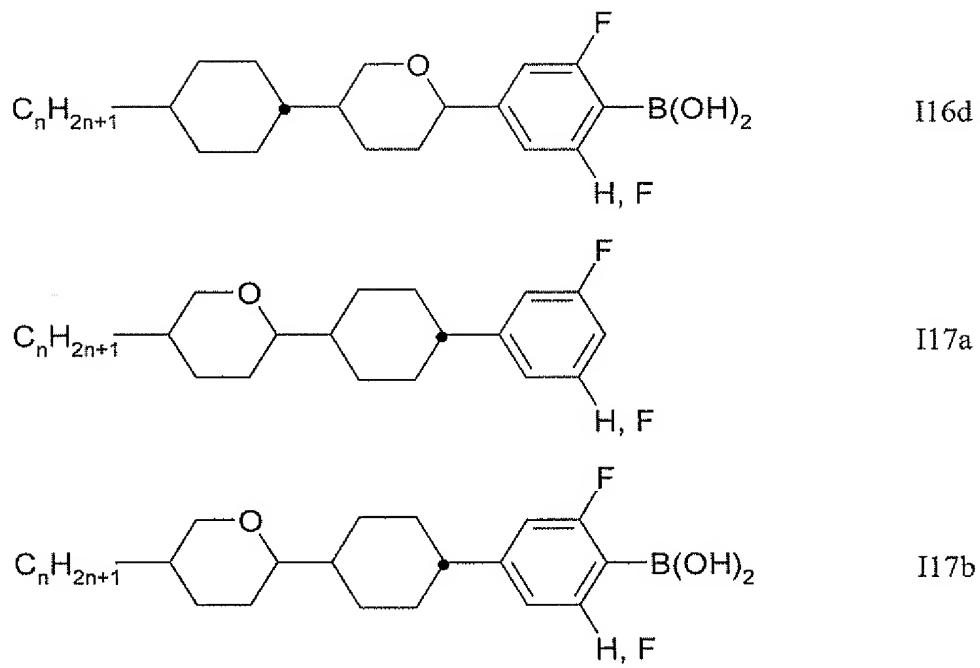
wherein R^{11} , A , a , Z^{11} , Y^{11} , L^1 , L^2 , L^3 , R^{12} , R^{13} and X^- have the meanings indicated for the compound of formula I.

19. (New) A compound according to claim 1, which is a compound of one of the following formulae









wherein n is an integer of 1 to 7.

20. (New) A compound according to claim 10, wherein C_nH_{2n+1} is straight-chain.